

Lake Waubesa Spring Fyke Netting – 2000

Fish sampling on the Madison Chain follows a 5 year rotation. Every year, 1 lake receives a **COMPREHENSIVE** survey, and the other lakes receive spring and fall **INDEX** sampling. Comprehensive surveys combine intensive spring netting efforts and spring and fall electro-fishing runs to cover the entire lake. Comprehensive surveys target walleye, northern pike, and musky and provide insight on the adult component of those fisheries. Comp surveys are used to make population estimates. Index sampling uses only electro-fishing directed at a selected sites in spring and fall. Index sampling monitors bass, panfish, and young -of-year fish most effectively.

Our purpose is to describe the size and condition of major fish populations of recreational interest, assess regulation, and suggest necessary management actions.

These brief summaries represent the most recent data and comparisons to the previous survey. Questions can be directed to: Kurt Welke, Fisheries Manager for Dane County, 3911 Fish Hatchery Rd, Fitchburg, WI 53711. Phone: 608-273-5946, E-mail:

Kurt.welke@dnr.state.wi.us. This information is also posted at: <http://dnr.wi.gov/org/water/fhp/fish/pages/reports/final.shtml>

2000

Musky:

Total captured: 63
Average Length: 27.8
Length Range: 9.5 – 39.5

Walleye:

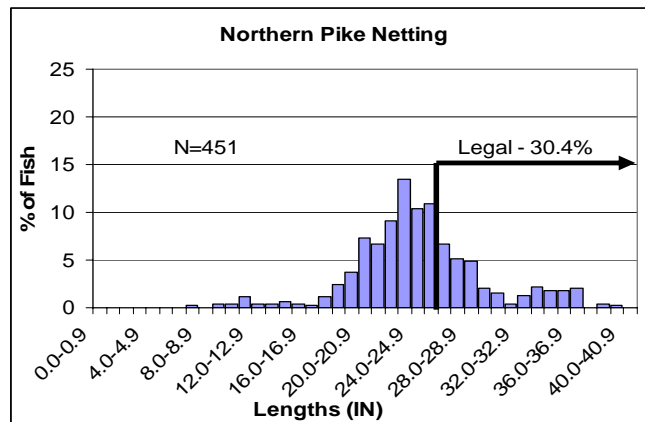
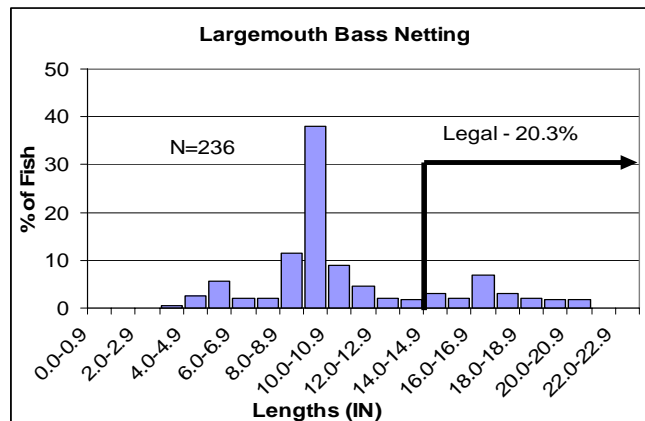
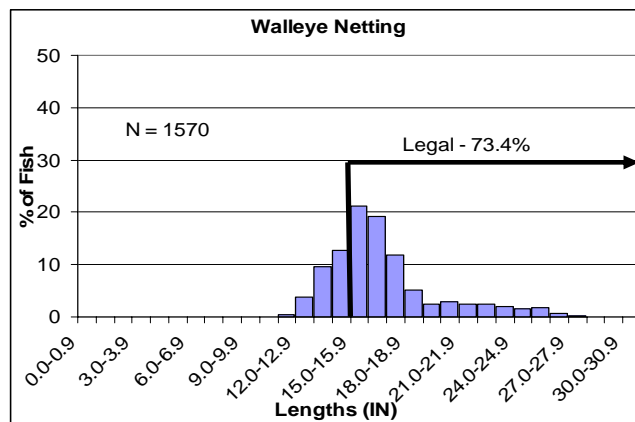
Total captured: 1,570
Average Length: 16.7 in.
Length Range: 9.0 – 27.5 in.
% Legal (>15"): 73.4
Population Estimate 13.9 / acre

Largemouth Bass:

Total captured: 236
Average Length: 10.7 in.
Length Range: 3.6 – 20.9 in.
% Legal (>14"): 20.3
Population Estimate 3.6 / acre

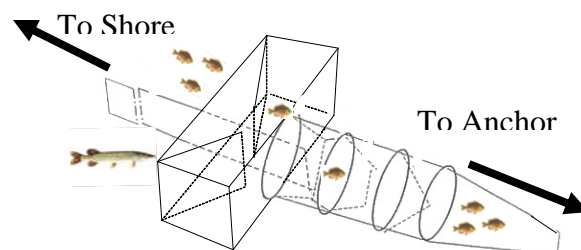
Northern Pike:

Total captured: 451
Average Length: 24.5 in.
Length Range: 7.8 – 39.7 in.
% Legal (>26"): 30.4
Population Estimate 3.5 / acre



What this all means:

Walleye numbers are excellent with numerous fish over 15" present. Bass numbers are also strong and the population characterized by quality sizes and abundant recruitment. Favorable northern pike habitat has resulted in a solid pike resource with large fish well represented in the sampling. Panfish are prolific with the majority of fish in the 6" size class.



Lake Waubesa Fall Electrofishing – 2005

Musky:	2005	2004
Average Length (in.):	16.1	12.3
Length Range (in.):	12.5 – 38.6	11.5 – 12.5
Total Captured:	10	6
% Legal (>45")	0	0
% YOY* (<14")	80	100

*YOY = Young of Year

Walleye:	2005	2004
Average Length (in.):	15.3	12.1
Length Range (in.):	9.3 – 20.6	8.0 – 15.5
Total Captured:	36	34
% Legal (>15")	50	17.6
% YOY (<7")	0	0

Largemouth Bass:	2005	2004
Average Length (in.):	8.9	10.5
Length Range (in.):	3.7 – 18.6	2.5 – 21.0
Total Captured:	252	148
% Legal (>14")	10.3	10.8
% YOY (<7")	53.2	10.1

Bluegill:	2005	2004
Average Length (in.):	5.6	6.2
Length Range (in.):	1.0 – 7.8	1.0 – 8.0
Total Captured:	109	165
Fish / Hour	436	660

Stocking:

Year	Species	Number Stocked	Length (in)
2000	MUSKELLUNGE	2,500	11
2000	NORTHERN PIKE	1,500	8
2000	NORTHERN PIKE	1,000	7
2000	Hybrid Musky	2,000	8
2000	WALLEYE	50,000	1
2001	MUSKELLUNGE	2,500	9
2001	MUSKELLUNGE	4,150	1
2001	NORTHERN PIKE	199,200	1
2001	NORTHERN PIKE	1,500	7
2001	Hybrid Musky	1,650	8
2002	NORTHERN PIKE	5,000	8
2002	NORTHERN PIKE	50,000	1
2002	WALLEYE	25,000	1
2003	MUSKELLUNGE	500	11
2003	Hybrid Musky	274	10
2004	MUSKELLUNGE	1,580	11
2004	NORTHERN PIKE	50,000	1
2004	WALLEYE	25,000	1
2005	MUSKELLUNGE	600	12
2005	MUSKELLUNGE	400	12

